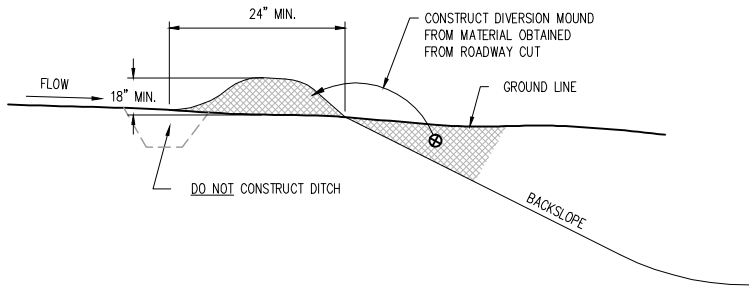


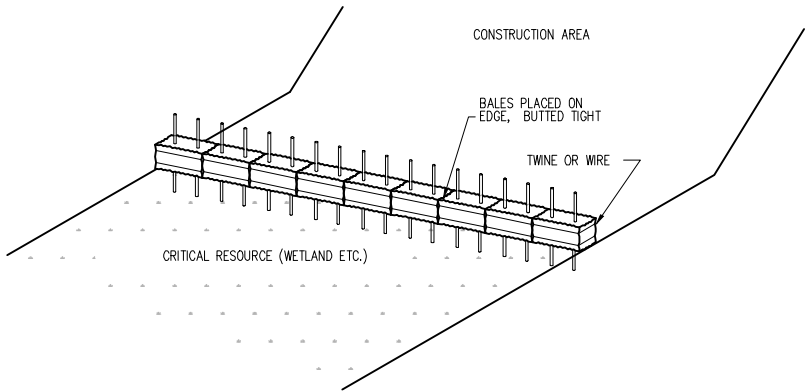
TEMPORARY DOWN DRAIN ON FILL SLOPE
(SPEC. 3892)

DESIGN GUIDELINES:
STORM FREQUENCY: 2 YEAR - 24 HOUR
MAXIMUM DRAINAGE AREA: 3 ACRES

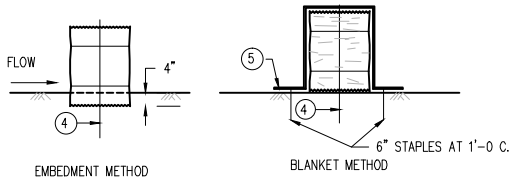


DIVERSION MOUND

DESIGN GUIDELINES:
STORM FREQUENCY: 10 YEAR - 24 HOUR
MAXIMUM DRAINAGE AREA: 5 ACRES MAXIMUM
DIVERSION: GRADE 5%



BALE BARRIERS
TO BE USED FOR CRITICAL PERIMETER CONTROL AREAS
(SPEC. 2573)



BALE BARRIER DETAIL
APPROX. BALE SIZE: 14" X 18" X 36" LONG

NOTES:

SEE SPECS. 2573, 3892, & 3894.

- ROCKS AT ENTRANCE CLEAN WORKSITE MUD OFF OF TRUCK TIRES BEFORE TRUCKS ENTER MAIN ROAD. KEEPING MUD OFF THE ROAD WILL PREVENT AUTO DAMAGE AND KEEP CONSTRUCTION SEDIMENT OUT OF DRAINAGE SYSTEMS AND WETLANDS.
- W = 10 FT. MIN., 20 FT. MAX.
- D = 2 FT.
- TWO 2 IN. X 2 IN. WOOD STAKES OR REINFORCING BARS IN EACH BALE EMBEDDED 10 INCHES MINIMUM IN THE GROUND.
- PLACE A CATEGORY 3 EROSION CONTROL BLANKET, 6 FT. WIDE MINIMUM, OVER THE BALE INSTEAD OF TRENCHING.

Reynolds, Smith and Hills, Inc.
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**NORTH
BUSINESS
DEVELOPMENT
AREA**

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Signature *Scott T. Stemphar*
Typed Name SCOTT T. STEMPHAR
Date 08/18/09 Reg. No. 47565

REVISIONS

NO.	DESCRIPTION	DATE

DATE ISSUED: 08-18-2009
REVIEWED BY: PJM
DRAWN BY: SCA
DESIGNED BY: DJL

AEP PROJECT NUMBER

214-1882-093

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SHEET TITLE
**EROSION, AND
SEDIMENTATION
CONTROL NOTES
AND DETAILS**
6 OF 7

SHEET NUMBER

C407

**BID
DOCUMENTS**